

REMARKS

Claims 1-31 and 50-66 are now pending. Argument concerning claims 1-31 was provided in the previously filed paper.

Claims 50-66 are added, and do not introduce new matter. To substantiate this assertion, claim 50 is set forth below with annotations to the exemplary embodiment of the specification, of course without limiting the claim to the exemplary embodiment.

50. (New) A backplane interface adapter [**#302 in Fig. 3A, ¶¶ 0087, #600 in Fig. 6, ¶ 0109**] for interfacing with a switching fabric [**#102 in Figs. 1-3A, ¶ 0073, #645 in Fig. 6, ¶ 0138**] of a network switch [**#100 in Fig. 1**], the network switch for switching packets in a network [**¶¶ 0003, 0078-79**], the backplane interface adapter [**#302, #600**] comprising:

at least one receiver [**#650 in Fig. 6, ¶ 0138**] that serially receives cells [**example cell is the L0-L3 portion of cycle 1 in Fig. 15A, ¶¶ 0122**] from the switching fabric via a full duplex serial link [**# 204 in Fig. 2, ¶¶ 0068, 0080-81, 0085**];

at least one transmitter [**#640 in Fig. 6, ¶ 0130**] that serially transmits said cells to the switching fabric [**#102, #645**] via a full duplex serial link [**# 204 in Fig. 2, ¶¶ 0068, 0080-81, 0085**];

wherein each said full duplex serial link is capable of handling full duplex traffic of at least 2.5 gigabits/second [**¶ 0075**], and

wherein at least some of the cells comprise in-band state information [**"STATE" in the example cell in the L0-L3 portion of cycle 1 in Fig. 15A, with examples of STATE information in Fig. 15B, ¶ 0123**] and at least one byte of a said packet [**D0 of Fig. 15A, ¶ 0124**].

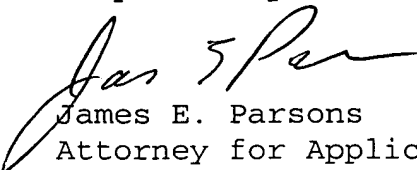
The other new claims are dependent, and are equally supportable. If the Examiner wishes to have this support spelled out as above for each of the new claims, the Examiner is

requested to telephone the undersigned at (408) 207-1323,
whereupon the undersigned will submit such further remarks.

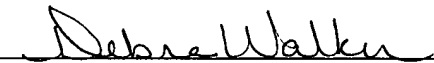
Please direct questions or comments to the undersigned at
(408) 207-1323. Please note that this is a new phone number.

Respectfully submitted,

Customer No.: 33,707


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